

## ABSTRACT

A remote bidding supplement for traditional-style live auctions, comprising an audio/video system for streaming instantaneously and buffer-free live audio and video data from a live auction site to one or more remote auction bidders having a bidding device for receiving the data and for transmitting instantaneously remote auction bids for each item being auctioned at the live auction site; a clerk system for controlling and accepting auction bids received at the live auction site from onsite auction bidders and from remote auction bidders for each item being auctioned at the live auction site; a marquee system for displaying instantaneously at the live auction site auction bid information, including accepted auction bids, for each item being auctioned at the live auction site; and a bid system for broadcasting instantaneously to all remote auction bidders and to the marquee system the auction bid information for each item being auctioned at the live auction site, for receiving instantaneously auction bids from each remote auction bidder for each item being auctioned at the live auction site and for transmitting instantaneously to the clerk system each remote auction bid received for each item being auctioned at the live auction, and for broadcasting instantaneously to all remote auction bidders and to the marquee system the onsite and remote auction bids that have been accepted by the clerk system.

## COMPUTER PROGRAM LISTING APPENDIX IDENTIFICATIONS

<i>Original Folder/File Name</i>			<i>New File Name</i>	<i>Number of Bytes</i>	<i>Creation Date</i>
source					
	av				
		Amsclien			
			Gsm		
			Add.c.txt	addc.txt	5430 05/22/00
			Code.c.txt	codec.txt	2520 05/22/00
			Config.h.txt	configh.txt	1400 05/22/00
			Decode.c.txt	decodec.txt	1540 05/22/00
			Gsm.dsp.txt	gsmdsp.txt	3230 12/22/98
			Gsm.h.txt	gsmh.txt	1700 11/20/98
			Gsm.plg.txt	gsmplg.txt	10300 12/22/98
			Gsm_crea.c.txt	gsmcreac.txt	860 11/17/98
			Gsm_deco.c.txt	gsmdecoc.txt	10500 11/17/98
			Gsm_dest.c.txt	gsmdestc.txt	573 11/17/98
			Gsm_enco.c.txt	gsmencoc.txt	11200 11/17/98
			Gsm_expl.c.txt	gsmexplc.txt	11000 11/17/98
			Gsm_impl.c.txt	gsmimplc.txt	12800 11/17/98
			Gsm_opti.c.txt	gsmostic.txt	1200 11/17/98
			Long_ter.c.txt	longterc.txt	23100 11/17/98
			Lpc.c.txt	lpcc.txt	6930 11/17/98
			Preproce.c.txt	preproc.txt	2550 11/17/98
			Private.h.txt	privateh.txt	7610 11/16/98
			Proto.h.txt	protoh.txt	1580 11/16/98
			Rpe.c.txt	rpec.txt	10900 11/17/98
			Short_te.c.txt	shorttec.txt	10200 11/17/98
			Table.c.txt	tablec.txt	2200 11/17/98
			Unproto.h.txt	unprotoh.txt	476 11/16/98
		Jpeg			
			jpeg.dsp.txt	jpegdsp.txt	2400 12/22/98
			jpeg.plg.txt	jpegplg.txt	1180 01/14/98
			jpegmemo.cpp.txt	jpegmcpp.txt	4100 01/14/98
			jpegmemo.h.txt	jpegmh.txt	363 12/22/98
		Md5			
			Md5.dsp.txt	Md5dsp.txt	2440 12/22/98
			Md5.h.txt	Md5h.txt	1390 12/22/98
			Md5.plg.txt	Md5plg.txt	1060 12/22/98
			Md5c.c.txt	Md5cc.txt	10700 12/22/98
			Md5globa.h.txt	Md5globh.txt	781 12/22/98
		Net			
			Defines.h.txt	Defineh.txt	10200 01/25/99
			Net.dsp.txt	Netdsp.txt	2450 12/22/98
			Net.plg.txt	Netplg.txt	2890 04/16/99
			Protocol.c.txt	Protococ.txt	86800 05/19/99
			Protocol.h.txt	Protocoh.txt	9660 05/19/99
		Misc.txt		Misc.txt	582 05/22/00
			Amsclien.dsw.txt	Amscdsw.txt	2450 05/22/00
			Amsclien.dsp.txt	Amscdsp.txt	3800 05/22/00
			Amsclien.plg.txt	Amscplg.txt	4260 05/22/00

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Original Folder/File Name			New File Name	Number of Bytes	Creation Date
		Amsclien.cpp.txt	Amsccpp.txt	11500	05/22/00
		Amsclien.opt.txt	Amscopt.txt	482000	05/28/00
		Amsclien.ncb.txt	Amscncb.txt	79600	05/28/00
	Gsm				
	Ns				
		Jni.txt	Jni.txt	61500	05/22/00
		Jni_md.txt	Jnimd.txt	1300	05/22/00
		Jri.txt	Jri.txt	32400	05/22/00
		Jri_md.txt	Jrimd.txt	22700	05/22/00
		Jritypes.txt	Jritypes.txt	6840	05/22/00
		Npams.cpp.txt	Npacpp.txt	44800	05/22/00
		Npams.def.txt	Npadef.txt	165	05/22/00
		Npams.rc.txt	Nparc.txt	2450	05/22/00
		Npapi.txt	Npapi.txt	12300	05/22/00
		Npupp.txt	Npupp.txt	38300	05/22/00
		Npwin.txt	Npwin.txt	9700	05/22/00
		Ns.dsp.txt	Nsdsp.txt	4050	05/22/00
		Ns.dsw.txt	Nsdsw.txt	527	05/22/00
		Ns.plg.txt	Nsplg.txt	4260	05/22/00
		Resource.txt	Resource.txt	452	05/22/00
		Add.c.txt	Add.c.txt	5660	07/20/99
		Code.c.txt	Code.c.txt	2610	07/20/99
		Config.h.txt	Config.h.txt	1420	07/20/99
		Copyrigh.txt	Copyrigh.txt	706	07/20/99
		Decode.c.txt	Decodetc.txt	1600	07/20/99
		Gsm.h.txt	Gsmh.txt	1760	07/20/99
		Gsm_crea.c.txt	Gsmcreac.txt	905	07/20/99
		Gsm_deco.c.txt	Gsmdecoc.txt	10800	07/20/99
		Gsm_dest.c.txt	Gsmdestc.txt	599	07/20/99
		Gsm_enco.c.txt	Gsmencoc.txt	11700	07/20/99
		Gsm_expl.c.txt	Gsmexplc.txt	11400	07/20/99
		Gsm_impl.c.txt	Gsmimplc.txt	13300	07/20/99
		Gsm_opti.c.txt	Gsmoptic.txt	1250	07/20/99
		Long_ter.c.txt	Longterc.txt	24000	07/20/99
		Lpc.c.txt	Lpcc.txt	7260	07/20/99
		Makefile.txt	Makefile.txt	509	07/20/99
		Preproce.c.txt	Preproc.txt	2570	07/20/99
		Private.h.txt	Privateh.txt	7870	07/20/99
		Proto.h.txt	Protoh.txt	1640	07/20/99
		Rpe.c.txt	Rpec.txt	11300	07/20/99
		Short_te.c.txt	Shorttec.txt	10600	07/20/99
		Table.c.txt	Tablec.txt	216	07/20/99
		Unproto.h.txt	Unprotoh.txt	499	07/20/99
	Include				
		Defines.h.txt	Defineh.txt	1070	11/25/99
		Jchuff.h.txt	Jchuffh.txt	1650	11/21/98
		Jconfig.h.txt	Jconfigh.txt	1310	11/21/98

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<i>Original Folder/File Name</i>				<i>New File Name</i>	<i>Number of Bytes</i>	<i>Creation Date</i>
		Jdct.h.txt		Jdcth.txt	6980	11/21/98
		Jdhuff.h.txt		Jdhuffh.txt	8060	11/21/98
		Jerror.h.txt		Jerrorh.txt	13800	11/21/98
		Jinclude.h.txt		Jincluh.txt	3180	11/21/98
		Jmemsys.h.txt		Jmemsyh.txt	8140	11/21/98
		Jmorecfg.h.txt		Jmorcfgh.txt	12200	11/21/98
		Jpegint.h.txt		Jpeginth.txt	15500	11/21/98
		Jpeglib.h.txt		Jpeglbh.txt	45300	11/21/98
		Jversion.h.txt		Jversh.txt	360	11/21/98
		Messages.h.txt		Messageh.txt	3050	12/15/98
		Protocol.h.txt		Protocoh.txt	10100	05/12/99
Lib						
		Jpeg.lib		Jpeg.lib	223000	11/21/98
Md5						
		Makefile.txt		Makefile.txt	373	07/20/99
		Md5.h.txt		Md5h.txt	1420	07/20/99
		Md5c.c.txt		Md5cc.txt	11000	07/20/99
		Md5globa.h.txt		Md5globh.txt	811	07/20/99
CONVERTED				convertd		
		core.c.txt.CNV		corectxt.CNV	9560	05/22/00
		core.h.txt.CNV		corehtxt.CNV	210	05/22/00
		database.c.txt.CNV		datactxt.CNV	4770	05/22/00
		database.h.txt.CNV		datahtxt.CNV	591	05/22/00
		main.c.txt.CNV		mainctxt.CNV	980	05/22/00
		protocol.c.txt.CNV		protctxt.CNV	3830	05/22/00
		rudp.c.txt.CNV		rudpctxt.CNV	19800	05/22/00
		rudp.h.txt.CNV		rudphtxt.CNV	1260	05/22/00
idaho						
		iaa.txt		iaa.txt	698	05/22/00
		ogac-bidder.txt		ogacbid.txt	7660	05/22/00
		ringman.txt		ringman.txt	11400	05/22/00
		ringman-admin.txt		rinadmin.txt	13000	05/22/00
		ringman-bidder.txt		rinbid.txt	7860	05/22/00
		ringman-quack.txt		rinquack.txt	5850	05/22/00
		vehicleinfo.txt		vehin.txt	4380	05/22/00
		vehicle-info.txt		vehinfo.txt	2990	05/22/00
		video.txt		video.txt	400	05/22/00
ogac						
		data.txt		data.txt	35700	05/22/00
		ogac.txt		ogac.txt	724	05/22/00
		ogac-bidder.txt		ogacbid.txt	7640	05/22/00
		ringman.txt		ringman.txt	11400	05/22/00
		ringman-admin.txt		rinadmin.txt	12900	05/22/00
		ringman-quack.txt		rinquack.txt	6260	05/22/00
		vehicleinfo.txt		vehin.txt	4380	05/22/00
		vehicle-info.txt		vehinfo.txt	3000	05/22/00
		video.txt		video.txt	412	05/22/00

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<i>Original Folder/File Name</i>					<i>New File Nam</i>	<i>Number of Bytes</i>	<i>Creation Date</i>
pade							
	pade.txt				pade.txt	670	05/22/00
	ringman.txt				ringman.txt	11400	05/22/00
	ringman-admin.txt				rinadmin.txt	12400	05/22/00
	ringman-bidder.txt				rinbid.txt	7780	05/22/00
	ringman-bidder1.txt				rinbid1.txt	7790	05/22/00
	ringman-bidder-1.txt				rinbid11.txt	6520	05/22/00
	ringman-bidder2.txt				rinbid2.txt	7660	05/22/00
	ringman-quack.txt				rinquack.txt	5710	05/22/00
	vehicleinfo.txt				vehin.txt	4380	05/22/00
	vehicle-info.txt				vehinfo.txt	3000	05/22/00
	video.txt				video.txt	400	05/22/00
	Ams-serv.txt				Amsserv.txt	40	05/22/00
	Ams-stre.txt				Amsstre.txt	34	05/22/00
	Audiooc.txt				Audiooc.txt	17100	05/22/00
	Audioh.txt				Audioh.txt	233	05/22/00
	Clientc.txt				Clientc.txt	2620	05/22/00
	Makefile.txt				Makefile.txt	1320	05/22/00
	Protocol.txt				Protocol.txt	9700	05/22/00
	Serverc.txt				Serverc.txt	2200	05/22/00
	Streamerc.txt				Streamer.txt	6830	05/22/00
	Videoc.txt				Videoc.txt	15400	05/22/00
	Videoh.txt				Videoh.txt	209	05/22/00
	core.c.txt				corec.txt	9320	05/22/00
	core.h.txt				coreh.txt	127	05/22/00
	database.c.txt				databasc.txt	4600	05/22/00
	database.h.txt				databash.txt	527	05/22/00
	main.c.txt				mainc.txt	884	05/22/00
	protocol.c.txt				protococ.txt	3650	05/22/00
	rudp.c.txt				rudpc.txt	19300	05/22/00
	rudp.h.txt				rudph.txt	1200	05/22/00